

# the CARRIER

W6CX

## the MOUNT DIABLO AMATEUR RADIO CLUB

### ARRL SPECIAL SERVICE CLUB

**Volume XLI - Issue 12 - December, 1994**

**Editor - Greydon Hicks, KC6SLE**

**Distribution: Jay Caldis, KT6Y, Walt Ebbett, KB6QIB,  
and George Jones, KI6YK**

The opinions expressed in the Carrier are solely those of the author and do not necessarily reflect the opinions of either the Board of Directors or membership of MDARC unless the author is a member of the MDARC Board of Directors and is speaking in an official capacity.

### FROM THE PRESIDENT

Dick Schulze, AA6DL

The Mt. Diablo Amateur Radio Club extends belated condolences to the family of Andrew Taylor, Sr. (KM6VT) on the death of his wife of 44 years, Dolores.

The Christmas dinner is Wednesday, December 14th. This will take the place of the regular third Friday meeting. NOTE: Parents bringing children to the Christmas party should also bring gifts for Santa to give to their children..

I have had a number of calls about the W6CX license. One of the CD-ROM call directories apparently does not list club calls leading some to wonder if the call may have expired. The call is valid and is held by JAY CALDIS, KT6Y, as trustee.

This is my last message as president. The two years I have served as president has been a great pleasure but was made so only by the strong support from all of the officers and members including my wife Doris. Even the strong willed, opinionated, inflexible ragtag group of HAMs that meets every morning at "Fat City" (Alpine Bakery) was supportive and occasionally had a good idea. What became apparent to me as president was not only the unlimited talent and diverse interests of the club members but the enthusiasm in sharing this with the club. This has all been very enjoyable and I thank you.

The officers elected for 1995 are:

PRESIDENT:	LARRY GANSZ, KB2GV
VICE PRESIDENT:	JOHN STUART, KM6QX
SECRETARY:	RICHARD SHAPPEE, WA5HQJ
TREASURER:	FRANK WILLIAMS, WA6NSC
EMERG. COORDINATOR:	SAM LIPSON, KO6JR
DIRECTOR:	RAY GASCHK, KD6BLS
DIRECTOR (2d year):	TOM SEABURY, KC6SYG

With this group 1995 will be a great year!  
HAPPY HOLIDAYS.

### STAN CHRISTIAN, WU6P, HONORED

Dick Brown, KT6X

On October 28 the Concord Police Department, at its 1994 Police Recognition dinner held at the Concord Hilton Hotel, honored Stan Christian, WU6P, for his outstanding service as a volunteer to the Department. For several years he has contributed his time daily to maintaining the information police officers use to investigate and arrest perpetrators. Although the award was given by the leadership of the CPD, unnamed sources indicated that there are several single women working their that also felt Stan deserved an award.

### Watch Out for the Following Viruses:

**ARNOLD SCHWARZENEGGER VIRUS**—Terminates your session, then disappears... But it'll be back.

**WARREN COMMISSION VIRUS**—Won't allow you to open your files for 75 years.

**GOVERNMENT ECONOMIST VIRUS**—Nothing works, but all of your diagnostic software says everything is fine.

**GALLUP VIRUS**—Sixty percent of the PCs infected will lose 38% of this data 14% of the time (plus or minus a 3.5% margin of error).

**ADAM AND EVE VIRUS**—Takes a couple of bites out of your Apple.

**AIRLINE VIRUS**—Your data always ends up in a city over 2,000 miles away.

**FREUDIAN VIRUS**—Your computer becomes obsessed with its motherboard.

Source: gopher chaos.bsu.edu

### NEW OPEN VHF REPEATER IN VACAVILLE

I have just received information that there is a new UHF Repeater available in Vacaville. Try the AB6BE/R 441.875 with a PL of 167.9. All are welcome and an HF remote base is soon to be added.



## ROCKY RIDGE REPEATER GROUP MEETING MINUTES

November 16, 1994

Richard M. Shappee, Acting Secretary, RRRG

The meeting was brought to order by Chairman Dwane McGlothlin, N6SPX, at 8:00 PM. The minutes of the last meeting were approved as published in the CARRIER. Treasurer Norma Davis, N6EJZ, reported that we had \$7829.50 in the treasury with all bills paid. She advised that there were commitments of \$800.00 outstanding.

Chairman Dwane spoke of the \$800.00. He advised the group that this was funding authorized in the past for various projects and that the authorization for the funds would be canceled as there seemed to be no longer a need for the spending. He said that if there was still a need for these or other funds that they would have to be resubmitted for approval.

Dwane told of the good work done by our telephone committee in finding a way to reduce the cost of our repeater telephone service. The result of their work should be a reduction in our bills to about one third of the present costs. There will be a one time charge of less than \$60.00 to change the service.

Under the classification of New Business, John Stuart, KM6QX, brought to the group a proposal that the club install a packet digipeater on Rocky Ridge. The cost of hardware would be \$800.00 or less and the monthly charge at the proposed site would be \$10.00, thanks to the generosity of Tom, KC6SYG. The digi would fill a void in the coverage of other digies that are used for APRS (Automatic Position Reporting System). He proposed that the system use the call W6CX-3 as the dash three designator is frequently used on other digies. The motion was made to spend the money, seconded and passed unanimously.

Keith Lattin, N6PMF, presented a proposal to replace our present repeater controllers with another unit that has many advantages, including the capacity for 1000 auto dial slots. The new unit will cost \$1375 plus shipping and is available from stock. Keith said that there was a market for our existing controllers at about \$500 each, with a customer identified for one at the present time. Thus the cost for changing to the new controller should be about zero. There was some discussion about the time table for the installation. It involved not only the controller but procurement of crystals for our new 440 repeater. The comment was made that ours was the largest club around, we are on the highest mountain, and why shouldn't we have the best repeater. The motion was made and seconded and passed that we spend up to \$1500 for the new controller. The time table for installation was not established.

Keith also recommended that we procure a color bar generator for our ATV system. This unit will provide a reference for alignment that we do not now have. Motion was made, seconded and passed that we authorize purchase of the color bar generator at a cost of up to \$200.00.

MDARC President Dick, AA6DL, reminded those present of the forthcoming Christmas Party and urged that reservations be made early as attendance was limited. He also reminded

the membership of the importance of either mailing in their ballot for the MDARC election or being at the next meeting. He said that for family memberships where more than one ballot was needed that members could make photo copies and they would be accepted.

Nine new members were voted upon. These were Dennis, KE6DVH; James, KB6JHT; John, WA6LKP; Calvin, KE6GTG; Dan, KE6NLV; Alan, KD6TAT; Sam, KC6UNO; Neil, KE6NCX; and Stuart, awaiting receipt of his license.

Chairman Dwane then opened nominations from the floor for various positions in the club. Nominees for Chairman were Lyle, WA6DOW; Jim, KC6SOE; and Dwane, N6SPX (who could only serve until June, if elected.) There were nominations from the floor for Director at Large. These were Sam, KO6JR; Laura, KE6ETZ; Tony, AB6GM; Dick, KT6X, and Lyle, WA6DOW. Nominations for Secretary were for Kent, KD6JAC; and Richard, WA5HQJ. Other positions ran unopposed. The elected officers were:

Chairman	Jim Tittle, KC6SOE
Secretary	Richard, WA5HQJ
Treasurer	Norma Davis, N6EJZ
Technical Chairman- Radio	John Hendrickson, WA6LKP
Technical Chairman- Video	Keith Lattin, N6PMF
Director's at Large	Sam Lipson, KO6JR Dick Brown, KT6X

There being no further business to conduct, the meeting was adjourned at 9:08 PM.

## CLUB MEETING GUESTS

It was a real pleasure to welcome the following visitors at the club's November General Meeting:

John Fisher of Moraga.

James Hutches of Alamo, who attended Ham classes at the Livermore Amateur Radio Klub.

## MDARC MEMBERSHIP RENEWALS

By now you should have received your MDARC membership renewal notice for 1995. If you have not, let the membership chairman know right away by calling him at 837-9316. Be sure to return your renewal as soon as possible--it is due by December 31, 1994. We've made it easy by including a stamped, addressed envelope. And don't forget to fill out the Membership Form as completely as possible, including the section which states "I am interested in and might be willing to help with..." It may be a nuisance to be asked to fill out one of these cards each year. But it sure does help the Membership Chairman, so why not humor him and just do it.



## MOUNT DIABLO AMATEUR RADIO CLUB BOARD OF DIRECTOR'S MEETING NOVEMBER 21, 1994

Richard M. Shappee, Secretary, MDARC

The meeting was brought to order at the home of Tom Seabury, KC6SYG, by President Dick Schulze, AA6DL. The minutes of the last meeting were approved and it was decided that the next meeting would be held on December 12 rather than December 19, at the home of Larry Gansz, KB2GV. As usual, any club member is invited to attend.

George Roush, WB6OFH, Christmas Party Chairman, and Bertha Roush were in attendance. It was decided that George Jones, KI6YK, would give out the prize tickets at the party. In accordance with the decision made in February and reported in the Director's minutes, only club members will be eligible for a prize. George asked that he be advised of the 'drop dead' date for making reservations and advise that as of November 21, we have 140 signed up.

Membership Chairman George, KI6YK, reported that we had 603 active members and 615 for the year. The difference was made up of Silent Keys, members who moved out of the area and didn't wish their CARRIER to be sent to their new address and a few record keeping corrections. George provided some interesting statistics concerning our membership. He observed that our membership growth is largely attributable to the club's varied activities, broad appeal and friendly atmosphere. He pointed to the popularity of the youth net and wondered how we could rejuvenate the technical net.

Concerning the recent club election, he advised that there had been only 12 mailed in ballots. He also said that a number of bogus ballots were found in the ballot box, but even so, these had no impact on who was elected.

President Dick, AA6DL, said that since the membership had approved our proceeding with PACIFICON '95, there was no action necessary by the Board except to appoint a chairman. Dick Brown, KT6X, had expressed interest in being chairman another year and no others had

come forth. The board voted to accept Dick Brown as Chairman, with one dissenting vote.

Sam Lipson, KO6JR, proposed to the Board that No-Code Tech VE tests be given by a MDARC VE group. The plan is to offer these tests immediately prior to our regular meetings, on a non-interfering basis. The sessions would start at 6:30 PM and it is expected that two to four candidates will present themselves. The Board approved trying the plan through February.

Because of the uncertainty related to our access to the church PA system, President Dick talked with the Assistant Minister as well as Mary Doctor, our contact at the church. The church will now provide three keys. Their concern was and remains that our technical people will tinker with their expensive system. We plan to take a photo of the exact position of all of the controls and use it to insure that we return the system as we found it.

A discussion followed concerning awards at the Christmas Party. President Dick had asked at the last Director's meeting that the Directors propose candidates for the various awards. After laboring mightily, the Board settled on the persons who should receive the awards for 1994. The issue of door prizes was discussed at length. It was moved, second and approved that we provide not only the customary hand held furnished by HRO, but two other prizes in the \$50 range. An amount of money was approved to cover these prizes.

The balance of the meeting was consumed in preparing the budget for 1995. As required by our by-laws, the proposed budget will be presented to the membership for approval. Some discussion was held concerning the eventual need for storage space for club equipment and auction items. No action was taken. Another discussion concerned the need for an inventory of Club property. It was agreed that we would find an Equipment Chairman who will report to the Club Treasurer.

There being no other business for the Board, the meeting was closed at 10:00 PM at which time our host provided much appreciated refreshments.

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**MOUNT DIABLO AMATEUR RADIO CLUB**

Meeting Minutes, November 19, 1994 Richard M. Shappee  
Secretary, MDARC

The meeting was called to order by President Dick, AA6DL, at 8:00 PM. Attendance was 106 members and guests. The minutes of the last meeting were approved as published in the CARRIER.

Treasurer Stan, WU6P, reported that we had \$1444.03 in our checking account, \$5616.21 in money market accounts, and \$5010.52 in certificates of deposit for a total of \$12,070.76. Membership Chairman George, KT6Y, reported that we had a total membership of 603, a club all time high. He said that renewal forms would be mailed December 1 and asked that renewals not be sent in before then. At the same time he reminded the membership that of the first 100 renewing, one person would receive a free membership to RRRG so it was to our membership's advantage to get renewals in promptly after December 1.

Vice President John Stuart, KM6QX, spoke of the action taken at the RRRG meeting to have a club digipeater on Rocky Ridge. He recognized Barry Winkler, KC6WYA, who will organize the installation and be responsible for its operation. More about the digipeater may be found in the RRRG minutes. John also said that the evening's program would be put on by Tracy Peters of Tinsley Laboratories. Future programs would depend upon who was elected Vice President and Program Chairman. As Public Service Chairman, John advised that the last event, the Black Diamond Horse Ride, had been rained out.

President Dick asked visitors to introduce themselves; seven were present. He also urged members to get their ballots into the ballot box promptly as they would be counted during the meeting by the teller's committee composed of Tom Seabury, KC6SYG and George Jones, KI6YK.

Jim Wallace, WB6LQG, our Training Chairman, reported that of the 23 who took the most recent classes, 16 graduated. The balance completed their tests at PACIFICON '94. The next classes will start January 31. Jim thanked all who had been on the committee with him.

Terry Dearborn, W6HPC, Scholarship Chairman, reminded the membership that the cutoff date for applications for the two \$1000 scholarships is December 1. Few applications have been received. He also asked for 3 or 4 more members to serve on the evaluation committee along with the 3 presently appointed.

George Roush, WB6OFH, urged members to get their reservations and money to him for the Christmas Party. He asked that checks be made out to MDARC rather than to him. Mary Jane Walker, N6NVA, advised that she had club T-shirts, patches and name tags for sale. Don Ledwith, K7SDF, displayed and offered for sale magnetic Amateur Radio signs that could be attached to a vehicle during emergencies to identify that the vehicle was involved in emergency communications.

Field Day Chairman Lauren, WA6CIE, reported that we had done very well at Field Day. In our class, 5A, we were 8th in the country and first in California.

President Dick reported to the membership that the Board of Directors recommended that the club sponsor PACIFICON '95. The motion was made and seconded to that effect. Discussion followed concerning the fact that such an action would seem to pre-empt the rights of the incoming officers. President Dick explained that preparation for the convention took the entire year and that the earliest new officers could act would be in January, thus allowing 2 or 3 months to pass. Another question was raised about how the date was selected. A response from the floor stated that our exhibitors plan their annual convention schedules based upon some consistency in dates. It was to our advantage to stay with the same time frame. It was also mentioned that we select the date to fit the ARRL convention calendar, not wanting to pick a conflicting date. The question was called for and the membership unanimously approved proceeding with PACIFICON '95.

Dick Brown, KT6X, reported on PACIFICON '94. It was very successful by all measures including profit, with over \$10,000 realized. He read some of the critiques received and asked that if any member had suggestions to get in touch with him. He said that the first PACIFICON '95 planning meeting would be held December 3, 1994.

The results of the voting for officers was announced. The winners were:

President	Larry Gansz, KB2GV
Vice President	John Stuart, KM6QX
Secretary	Richard M. Shappee, WA5HQJ
Treasurer	Franklin Williams, WA6NSC
Emergency Coordinator	Sam Lipson, KO6JR
Director	Ray Gaschk, KD6BLS

President Dick thanked all who had run for office. In response to a question from the floor to new treasurer Frank concerning his plans for the club's considerable treasury, he responded that he was going to buy another Jaguar.

Jim Tittle, KC6SOE, the new Chairman of the Rocky Ridge Repeater Group reported on the new officers elected to that organization.

The program for the evening was presented by Tracy Peters of the Tinsley Laboratories. He told us of the manner in which the world's largest telescope, the Keck in Hawaii, was built. The mirror was constructed of 36 hexagonal pieces of mirror material, each nearly six-feet across that were then glued together. The accuracy of the alignment of the 36 pieces was kept to within one hundredth of a billionth of a meter.

Tracy then told of the repair to the Hubbel telescope. He said that the astronauts practiced for 4 years for the mission. He showed dramatic photographs of 'before' and 'after' the modification. The program was well received by those in attendance. Numerous questions were raised which Tracy answered.

After the customary drawing for door prizes, the meeting was closed at 9:45 PM with the reminder that the next meeting will be held on December 14, 1994 at Zio Fraedo's Restaurant in Pleasant Hill.



**MEMBERSHIP DIRECTORY UPDATE**

by George Jones, KI6YK

We are very pleased to welcome the following new members:

- BRUNK, Daniel; KE6NLV, Technician**  
514 Palms Dr., Martinez, CA 94553  
(510)372-8248(h)
- CANNON, Stuart Q. (Stu); SWL**  
3026 Bowling Green Dr., Walnut Creek, CA 94598  
(510)930-0411(h), (510)287-0452(w)
- GHYSELS, John R.; KE6MCN, General**  
400 Brandywine Lane, Pleasant Hill, CA 94523  
(510)676-3087(h), (510)945-0588(w)
- HENDRICKSON, John; WA6LKP, Advanced**  
1306 Marshall Rd., Vacaville, CA 95687  
(707)428-2049(w)
- KASTE, Victor E. (Vic); KD6JDD, Technician**  
1980 Opal St., Walnut Creek, CA 94596-5707  
(510)934-2888(h)
- MAC PHAIL, Alec; awaiting Technician license**  
309 Arlington Ct., Danville, CA 94526  
(510)735-3355(h), (510)297-1400(w)
- NORRIS, Paul E., II; AC6GU, Extra**  
559 40th Ave., San Francisco, CA 94121  
(415)221-7043(h&w)

**SWIDLER, Gordon; KA6YZD, General**  
109 Julian Way, Pleasant Hill, CA 94523  
(510)825-6965(h)

**WALLACE, Ron; SWL; 281 Paraiso Drive, Danville, CA**  
94526; (510)820-6656(h), (510)820-8041(w)

Congratulations to the following on their upgrade and/or new call:

**Aki Fukuda: Extra**  
**Mike Forest: Extra, AC6GZ**  
**Neil Fullagar: Technician, KE6NCX**  
**Ron Pawelchak: General**  
**Bill Trowsdale: General**  
**Lyle Van Norman: General**

Please note the following changes:

**Mark Niles' new address is P.O. Box 6503, Concord, CA 94524**

**Peter Smith's new address is 968 Argenta Dr., Pacheco, CA 94553**

**Robert Syms' new address is 23 University Dr., Rm. 314, Pomona, CA 91768.**

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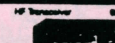
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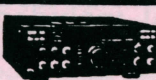
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40W/25W - Airband RX  
Dual-Band/Push-to-Talk Head  
Keyboard Sys. entry from microphone!  
CALL FOR OUR SPECIAL PRICE!





## 1994 MDARC Christmas Party

When: Wednesday December 14, 1994  
Where: Zio Fraedo's Restaurant  
701 Gregory Lane, Pleasant Hill  
What Time: No host cocktails 6:00 PM  
Served Dinner 7:00 PM  
How Much: \$10.00 for members and immediate  
family (husband, wife, kids)



Entre: Your choice, turkey or ham, hors d'oeuvres, soup, salad,  
relish tray, potatoes, vegetables, bread and desert.

Door prizes, entertainment, fun, Santa's visit.

**Make your reservation EARLY. Cut Off Date  
is December 8. If you plan to attend and have  
not yet made your reservation, you may want to  
deliver your reservation and check to George  
Roush, address below!**



-----  
**YES! I will attend the MDARC Christmas Party**

Your Name \_\_\_\_\_ Call Sign \_\_\_\_\_  
Street \_\_\_\_\_ City \_\_\_\_\_ ZIP \_\_\_\_\_

Note: This Christmas Party is intended for YOU and your IMMEDIATE family. The Club is underwriting part of the cost and it is unfair to include people who are not really part of your immediate family. Immediate family means spouse and children, not uncles, aunts, grandfathers, neighbors, casual acquaintances, etc.

Number of Turkey Dinners \_\_\_\_\_ X \$10.00 = \_\_\_\_\_  
Number of Ham Dinners \_\_\_\_\_ X \$10.00 = \_\_\_\_\_  
Number of Vegetarian Dinners \_\_\_\_\_ X \$10.00 = \_\_\_\_\_  
Total included \$ \_\_\_\_\_

Mail or give to:

George Roush, WB6OFH, 2116 Athene Drive, Concord CA 94519  
(Make check payable to MDARC)



**MDARC/RRRG QUAKE-NET INSTRUCTIONS**

Immediately after feeling an earthquake, listen to 147.060/+(100 pl).

When frequency is clear, quickly and clearly transmit in the following sequence::

LOCATION, OBSERVATION, NAME and CALL SIGN.

If a Hospital or ARES/RACES net control is established, relinquish use of repeater and break only with urgent traffic using your CALL SIGN and LOCATION or CITY

The Mount Diablo Amateur  
Radio Club

P.O. Box 23222  
Pleasant Hill, CA 94523

Meetings:

Third Friday Each Month  
8:00 PM / 2000 hours  
Our Savior's Lutheran Church  
1035 Carol Lane, Lafayette, CA

1994 Club Officers

President:

Dick Schulze, AA6DL  
(510)935-5000

Vice President:

John Stuart, KM6QX  
(510)283-2797

Secretary:

Richard Shappee, WA5HQJ  
(510)682-1644

Treasurer:

Stan Christian, WU6P  
(510)672-0330

Membership Chairman:

George Jones, KI6YK  
(510)837-9316

Emergency Coordinator:

Bruce Smith, KC6JMN  
(510)934-1735

Directors:

Tom Seabury, KC6SYG  
(510)837-4433  
Larry Gansz, KB2GV  
(510)356-2411

MDARC-PACIFICON HOT LINE  
(510)932-6125

Contra Costa County  
ARES/RACES Nets

Thursdays, 1900 Hours

Central County - 145.680/s

Jim Brunk, N6BHX  
(510)372-8248

East County - 146.535/s

Jim Tittle, KC6SOE  
(510)432-3220

South County - 146.355/+(100 pl)

George Jones, KI6YK  
(510)837-9316

West County - 145.110/-

Rachel Lewellen, KB6LHR  
(510)233-5034

QSY to 147.735/- at 1920 Hours  
Meeting of all County  
ARES/RACES Nets

The Rocky Ridge Repeater  
Group

P.O. Box 23222  
Pleasant Hill, CA 94523

Next Meeting:

Third Wednesday Of Odd Months  
8:00 PM / 2000 hours  
Stonebrook Convalescent Center  
Concord Blvd., Concord, CA

Chairman:

Dwane McGlothlin, N6SPX  
(510)798-2868

Technical Chairman:

Mike Burke, KB6RMT  
(510)682-7296

RRRG Repeaters

147.060/+(100 pl)  
224.780/-(077 pl)  
441.325/+(100 pl)  
ATV - Input - 1253.250  
Output - 427.250 (Cable CH 58)

RRRG Nets

Phone Net - Thursdays  
1930 Hours, 147.060/+(100 pl)  
Net Control: Jay Caldis, KT6Y  
ATV Net - Thursdays  
2000 Hours, Net Control:  
Mike Burke, KB6RMT,  
Alt.: Don Smith, W6NKF,  
Youth Net - Thursdays  
1900 Hours, 147.060/+(100pl), Net Control rotates

Contra Costa County  
Emergency Services HF Net

First Thursday following  
first Wednesday,  
2000 Hours, 3.895 MHz  
Net Control:  
Hank Berriman, W6ZHY, AEC

Carrier

Editor: Greydon H. Hicks, KC6SLE  
4517 Shellflower Ct., Concord 94518  
(510)798-1251  
Folding: Jay Caldis, KT6Y  
Mailing: Walt Ebbett, KB6QIB  
Labels: George Jones, KI6YK

Sheriff's Amateur Radio Communications Team

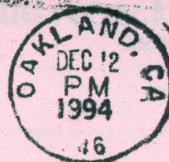
Clay Yale, N6YBQ  
(510)228-8223

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). This publication is open to all members of MDARC and it is the policy of this Editor to publish all articles submitted by the membership as long as such articles are not obscene, pertain to Amateur Radio, are of interest to the members of MDARC and space is available. Articles are due by the first of each month and are accepted on a first come, first in basis. Articles should be submitted by packet, KC6SLE @ KB6AML.#NOCAL.USA.NA or packet mailbox, KC6SLE-1 or by modem to the Doug Smith's No Name Yet bulletin board, File area #23, at (510) 827-5714 or delivered to the Editor in ASCII format on either 5.25" or 3.5" computer disk. The standard font is Arial 9 point. The Editor's address can be found in the Carrier or MDARC Membership Directory. Articles published in the Carrier may be reproduced provided that such reproduction credits both MDARC and the author of the article. Copyrighted articles will not be accepted for publication in the Carrier.

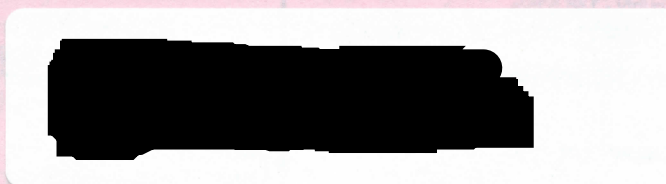


CALENDAR OF EVENTS		
Livermore Swapmeet	Las Positas College Livermore	First Sunday Each Month All Year, 7:00 AM to Noon
RACES Monthly Meeting	State OEC, Civic Dr. Pleasant Hill	First Wednesday Every Month, 7:30 PM
MDARC Christmas Party	Zio Fraedo's 701 Gregory Lane, PH	6:00 PM Wednesday December 14, 1994
Deadline for Carrier Articles	NA	January 1, 1995
Concord VEC Exams Gene, WW6H	Consolidated Fire Training Center 2945 Treat Blvd., Concord	Sunday, February 5, 1995 1:00 PM
Fairfield HAM Exams Dick, AB6EY, 916-791-0268	Fairfield Senior Center 1200 Civic Drive, Fairfield	Last Saturday of each month 9:00 AM to noon
RRRG General Membership Meeting	Stonebrook Convalescent Center 4367 Concord Blvd., Concord	Wednesday, January 18, 1995, 8:00 PM

The Carrier  
a newsletter of the  
Mount Diablo Amateur Radio Club  
P.O. Box 23222  
Pleasant Hill, CA 94523



**FIRST CLASS MAIL**



**MDARC CHRISTMAS PARTY, DECEMBER 14, 1994!**  
**NEXT RRRG MEETING IS JANUARY 18, 1995!**

**MERRY CHRISTMAS AND HAPPY NEW YEAR!!!!**